


|  |  |  |
|--|--|--|
| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10582117 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>KOEPLER ET AL. |
|  | <b>Examiner</b><br><br>Jodi Cohen              | <b>Art Unit</b><br><br>1791  |

| SEARCHED |   |           |          |
|----------|---|-----------|----------|
| Class    | Subclass  | Date      | Examiner |
| 65       | 17.3-17.5, 22, 30.1-30.14, 390-442* (*text limited see EAST search history printout)          | 7/13/2009 | J Cohen  |
| 501      | 50, 53-55   | 7/13/2009 | J Cohen  |
| 65       | 379 for the vacuum melting and other pressure limitations384 for the temperature limitations. | 7/13/2009 | J Cohen  |
| 372      | 6 (text limited, see EAST search history)   | 7/20/2009 | J. Cohen |
| 385      | 123-128 (text limited, see EAST search history)   | 7/20/2009 | J. Cohen |

| SEARCH NOTES   |           |          |
|--|-----------|----------|
| Search Notes   | Date      | Examiner |
| See EAST search history printout   | 7/13/2009 | J Cohen  |
| Interference search, specifically including terms (silica silicon dioxide, hydroxyl OH, doped dopants) | 7/16/2009 | J Cohen  |
| Consulted examiner John Hoffmann   | 7/14/2009 | J Cohen  |

| INTERFERENCE SEARCH |   |           |          |
|---------------------|---|-----------|----------|
| Class               | Subclass  | Date      | Examiner |
| 65                  | 17.3-17.5, 22, 30.1-30.14, 390-442- See EAST search history printout and search notes | 7/16/2009 | J Cohen  |
| 372                 | 6   | 7/20/2009 | J Cohen  |

/Jodi Cohen/  
Examiner,Art Unit 1791